USDA United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: February 8, 2006

Mr. Wayne Budrus
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Budrus:

Summaries of the 1983-2005 gypsy moth program conducted at five U.S. Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations at these sites (Figures 1a-1e). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

Trap catches in 2005 decreased back down to one male gypsy moth at Paint Creek Lake. Dillon Lake continues to have a decrease in total moths caught, from 95 in 2004 to 50 in 2005. Trap catches increased in 2005 at Alum Creek, Deer Creek and Delaware Lake.

Based on the results of the trapping program at each Corps site, gypsy moth populations will not have an impact on the forest resources at these sites in the immediate future.

Figures 2a-2e show the 2005 gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The inserts on each figure show close-ups of the STS results in relation to the five Corps site properties. For more information regarding the STS program, visit http://www.gmsts.org.

It is important for Corps to look for other gypsy moth life stages while performing their normal duties. Visit our GM Digest web site located at http://www.na.fs.fed.us/fhp/gm/index.shtm. for publications that are helpful in identifying the different gypsy moth life stages.

We would like to continue the trapping program at the same intensity at all five Corps sites in 2006. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

JOHN W. HAZEL
Field Representative
Morgantown Field Office

Enclosures

cc: Noel Schneeberger, AO
Joe Williams, Park Ranger, Alum Creek
Susan Maynaird, Deer Creek Lake
Ben O'Dell, Delaware Lake
Bob Cifranic, Dillon Lake
Jay Van Hoose, Paint Creek Lake
Dave Adkins, OHDA

JWH/KDF/blm

Table 1.—Summary of the 1983-2005 gypsy moth trapping results, Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	18	0	9
1986	15	1	--
1987	15	0	--
1988	15	0	--
1989	15	0	--
1990	15	4	2, 3, 11, 15
1991	15	2	7, 10
1992	15	7	1, 2, 4, 6, 7, 11
1993	15	12	All except 1, 2, 7, 9, 12, 13
1994	15	3	3, 12
1995	13	3	1, 5,7
1996	15	1	14
1997	15	14	1-4, 8-13
1998	15	10	2, 3, 8-11, 15
1999	15	36	1, 2, 4, 7, 9-11, 13, 14
2000	15	21	12,6-10, 12, 13
2001	15	78	--
2002	15	--	No Data
2003	15	44	1-13
2004	15	18	All except 1-4, 15
2005	15	56	All except 5, 13, 15

Deer Creek Lake (Fayette and Pickaway Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	13	0	- -
1986	15	0	- -
1987	15	0	- -
1988	15	0	- -
1989	15	1	15
1990	15	0	- -
1991	15	0	- -
1992	15	3	6, 7, 13
1993	15	3	1, 6
1994	15	0	- -
1995	18	0	- -
1996	18	1	10
1997	20	6	1, 2, 10, 16
1998	15	1	13
1999	14	1	1
2000	15	4	12
2001	15	3	- -
2002	15	0	--
2003	15	3	5, 9
2004	20	2	11, 13
2005	20	4	6, 8, 15

Delaware Lake (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	18	0	- -
1986	15	0	- -
1987	15	0	- -
1988	12	0	- -
1989	12	0	- -
1990	12	0	- -
1991	10	0	- -
1992	10	1	9
1993			No traps deployed
1994	12	0	- -
1995	15	3	4, 12, 13
1996	15	1	14
1997	15	45	2-5, 7-13, 15
1998	15	3	2, 7, 13
1999	15	74	All
2000	15	9	1, 2, 6, 9, 11, 12,13
2001	15	68	- -
2002	14	37	All except # 2, 3
2003	15	18	1, 2, 5, 8, 12, 13
2004	15	11	1, 12, 14, 15
2005	15	22	All except 5, 6, 10

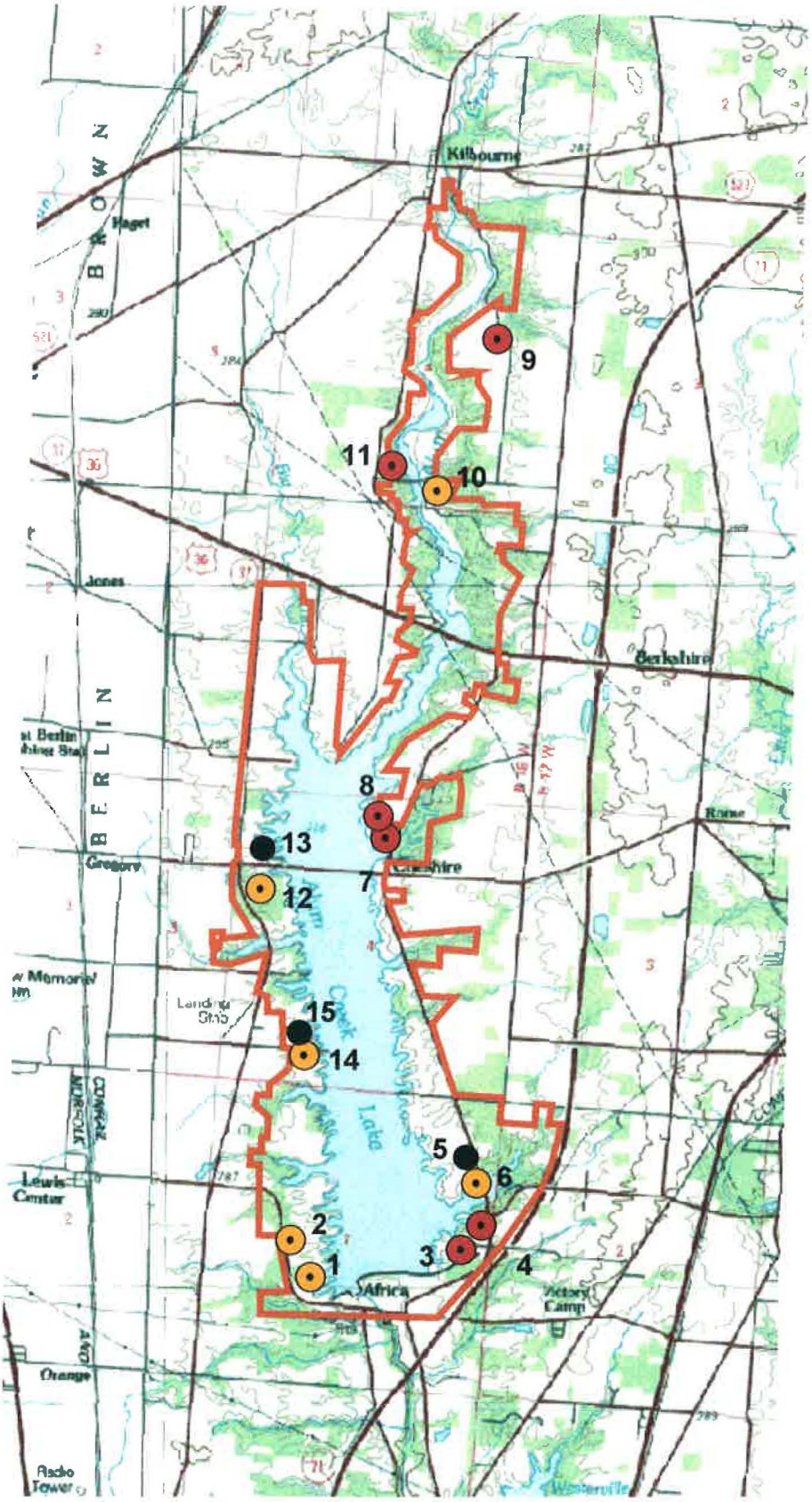
Dillon Lake (Muskingum County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	15	0	- -
1986	15	4	4, 11
1987	15	0	- -
1988	16	0	- -
1989	16	9	2, 6, 8, 11-13,15
1990	16	0	- -
1991	16	11	4-6, 8, 9, 11, 13, 14, 16
1992	16	31	All except 4, 7, 8, 16
1993	3	6	17, 18
1994	16	15	2, 5, 6, 12, 13, 14, 15
1995	- -	- -	Traps not deployed
1996	14	21	1, 3, 7, 8, 11-13
1997	15	27	1, 2, 5, 8, 10-12, 15
1998	14	141	All except 11
1999	15	224	All
2000	15	241	All
2001	15	208	- -
2002	11	128	All
2003	--	--	Traps not deployed
2004	14	95	All except 7
2005	14	50	All except 3, 13

Paint Creek Lake (Highland and Ross Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	10	0	- -
1985	10	0	- -
1986	12	3	2
1987	12	0	- -
1988	10	0	- -
1989	10	6	5, 7, 8, 9
1990			No Data
1991	10	0	- -
1992	12	0	- -
1993	14	0	- -
1994	13	6	3, 4, 12, 13
1995	14	15	3, 4, 10-13
1996	13	10	3, 4, 8, 9, 11,1 3
1997	14	21	2, 7-13
1998			No data
1999	15	8	3-5, 8, 11, 13
2000	13	8	2, 3, 7, 8, 10-12
2001	13	5	1, 3, 7-10, 12,13
2002	13	1	4
2003	13	1	4
2004	13	2	9, 11
2005	13	1	1

Figure 1a.--2005 gypsy moth trap locations at Alum Creek Lake.



Legend

Trap locations

- 0 moths per trap
- 1 - 5 moths per trap
- 6 - 9 moths per trap
- Approximate Project boundary

0 0.5 1 2 Miles

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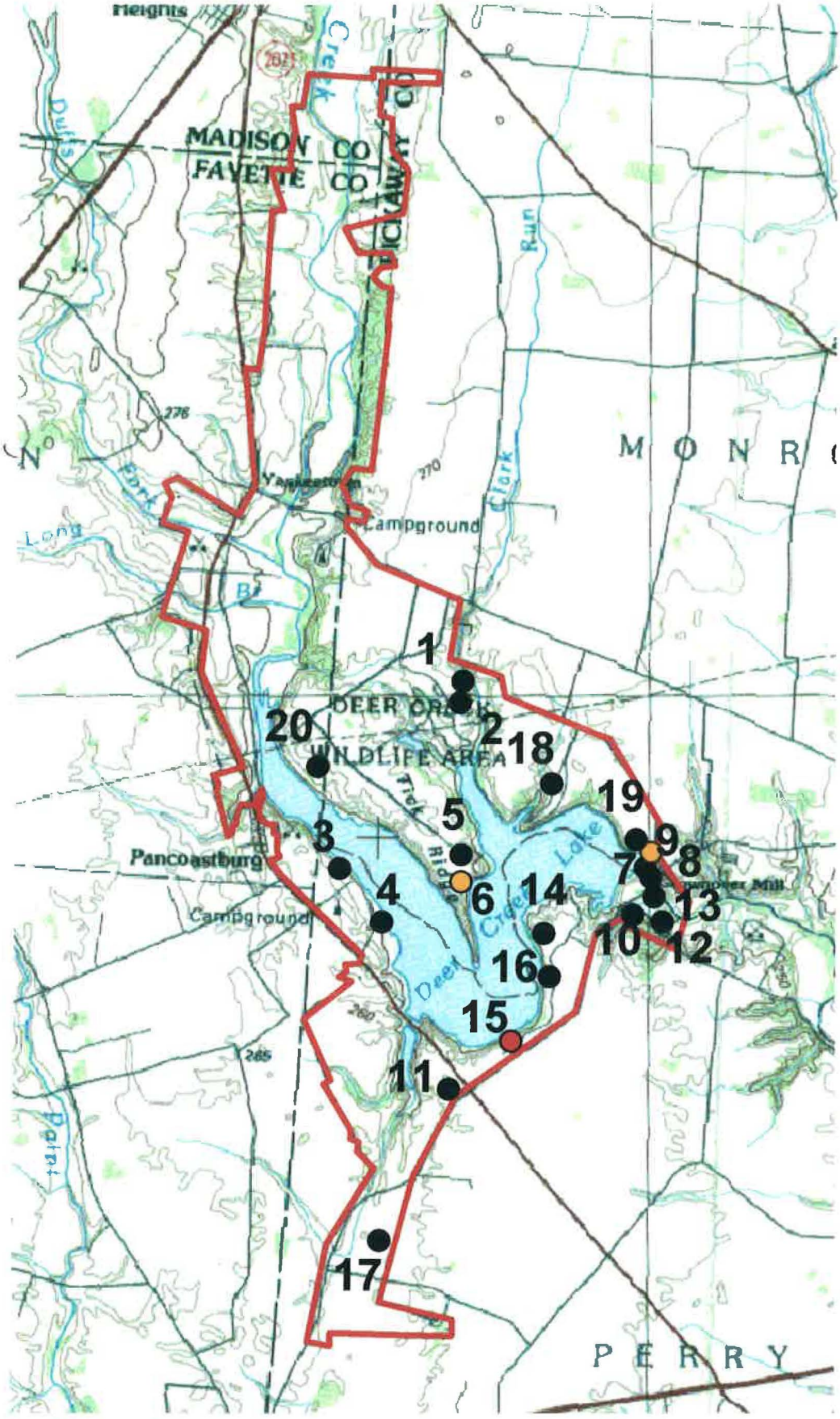
2/06 KDF

Figure 1b.--2005 gypsy moth trap locations at Deer Creek Lake.



Legend

Trap locations

- 0 moths per trap
- 1 moth per trap
- 2 moths per trap
- Approximate Project boundary

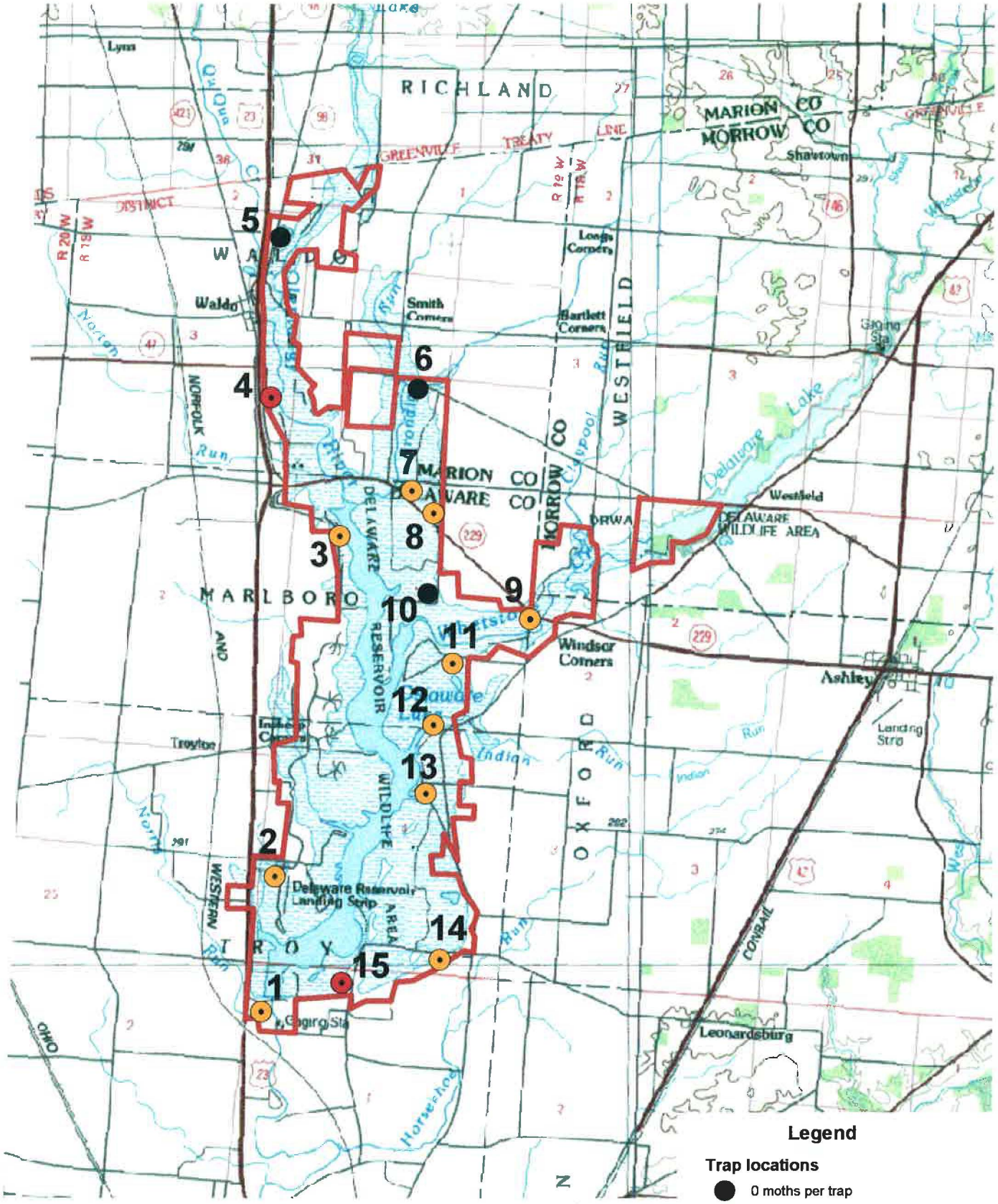
N
W E
S

0 0.45 0.9 1.8 Miles

USDA Forest Service, State & Private Forestry, Morgantown, WV

2/06 KDF

Figure 1c.--2005 gypsy moth trap locations at Delaware Lake.



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2/06 KDF

Figure 1d.--2005 gypsy moth trap locations at Paint Creek Lake.

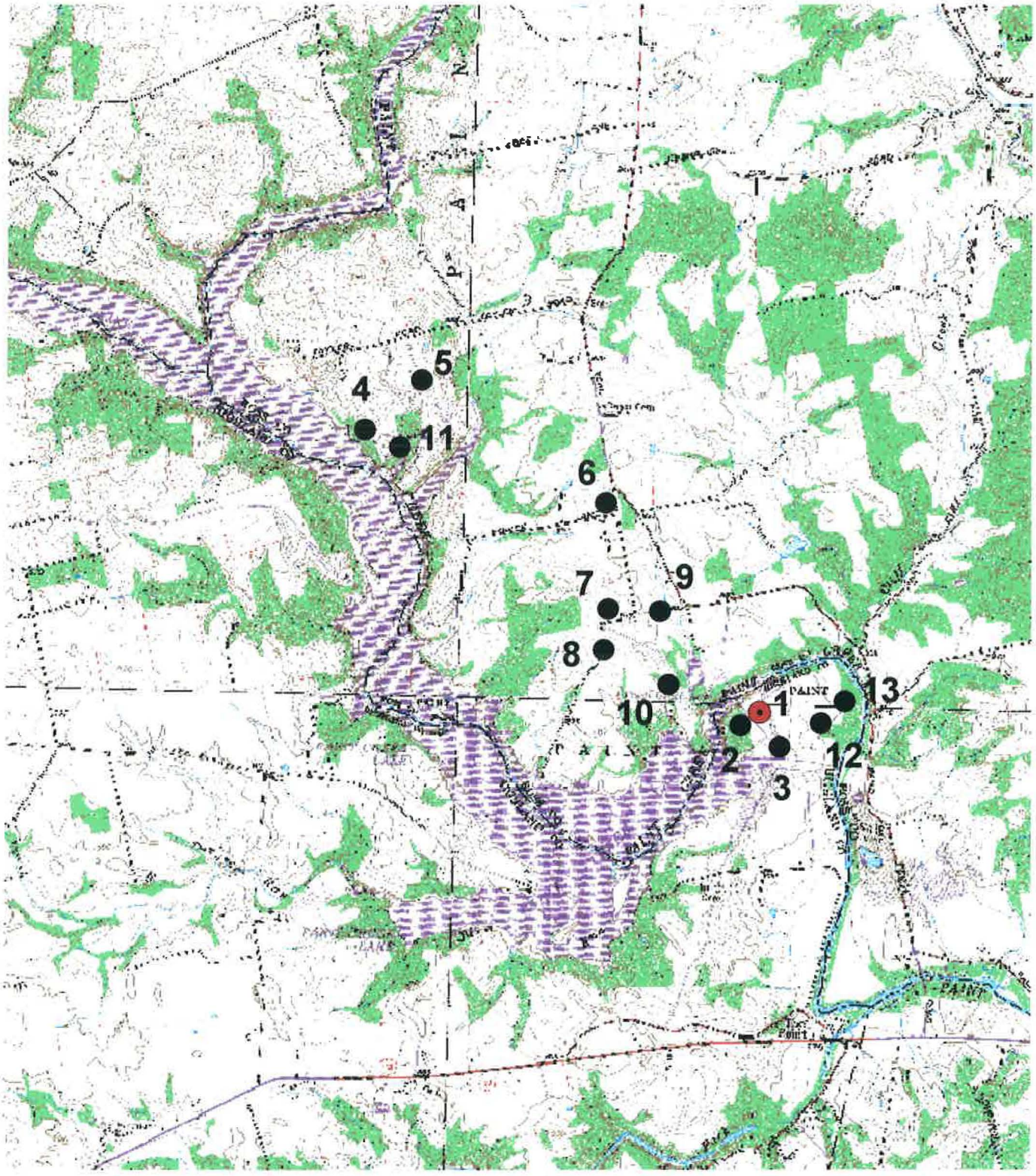

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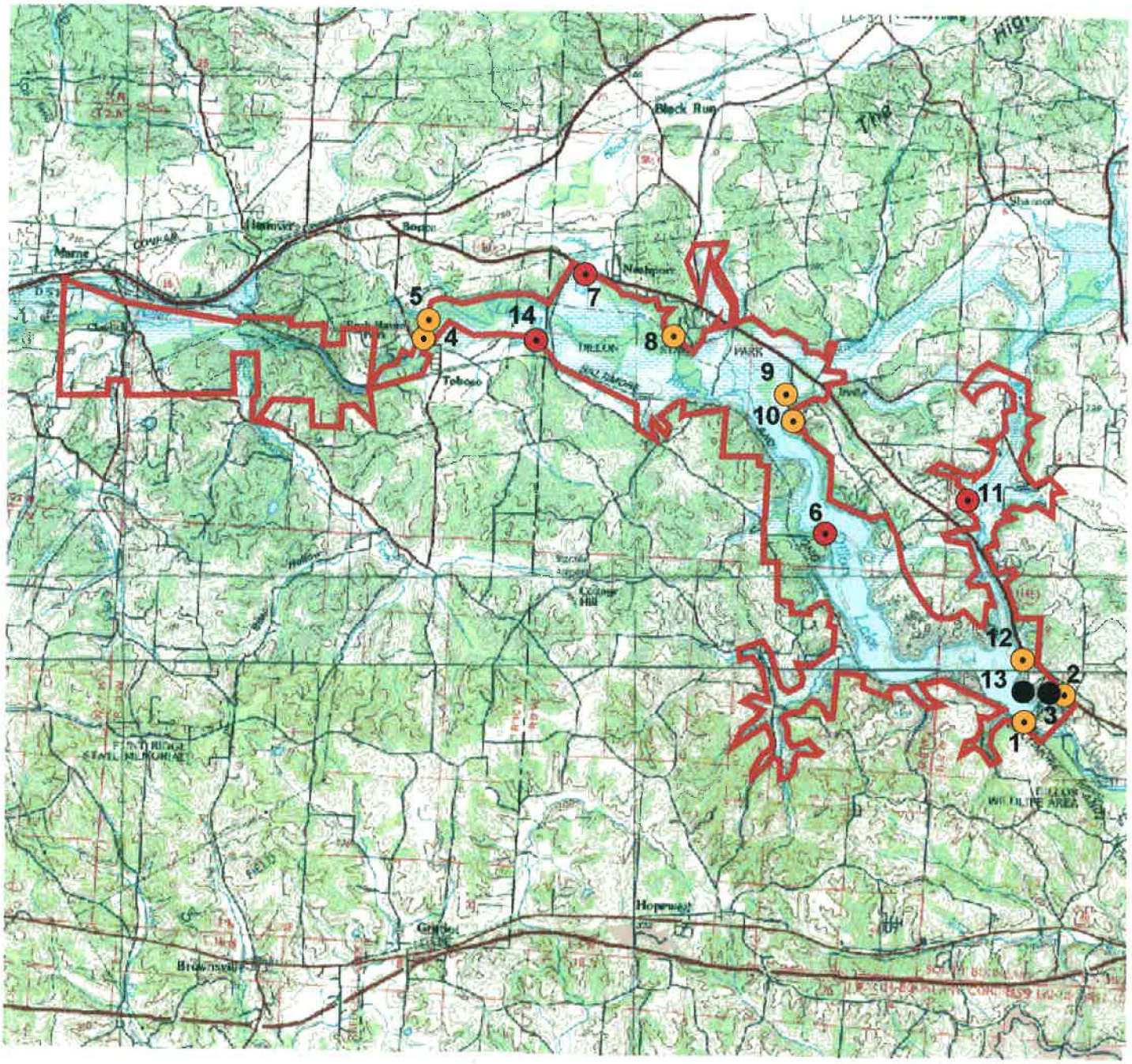
Figure 1e.--2005 gypsy moth trap locations at Dillion Lake.



Legend

Trap locations

- 0 moths per trap
- 1 - 5 moths per trap
- 6 - 8 moths per trap
- Approximate Corps boundary

0 0.5 1 2 Miles

N W E S

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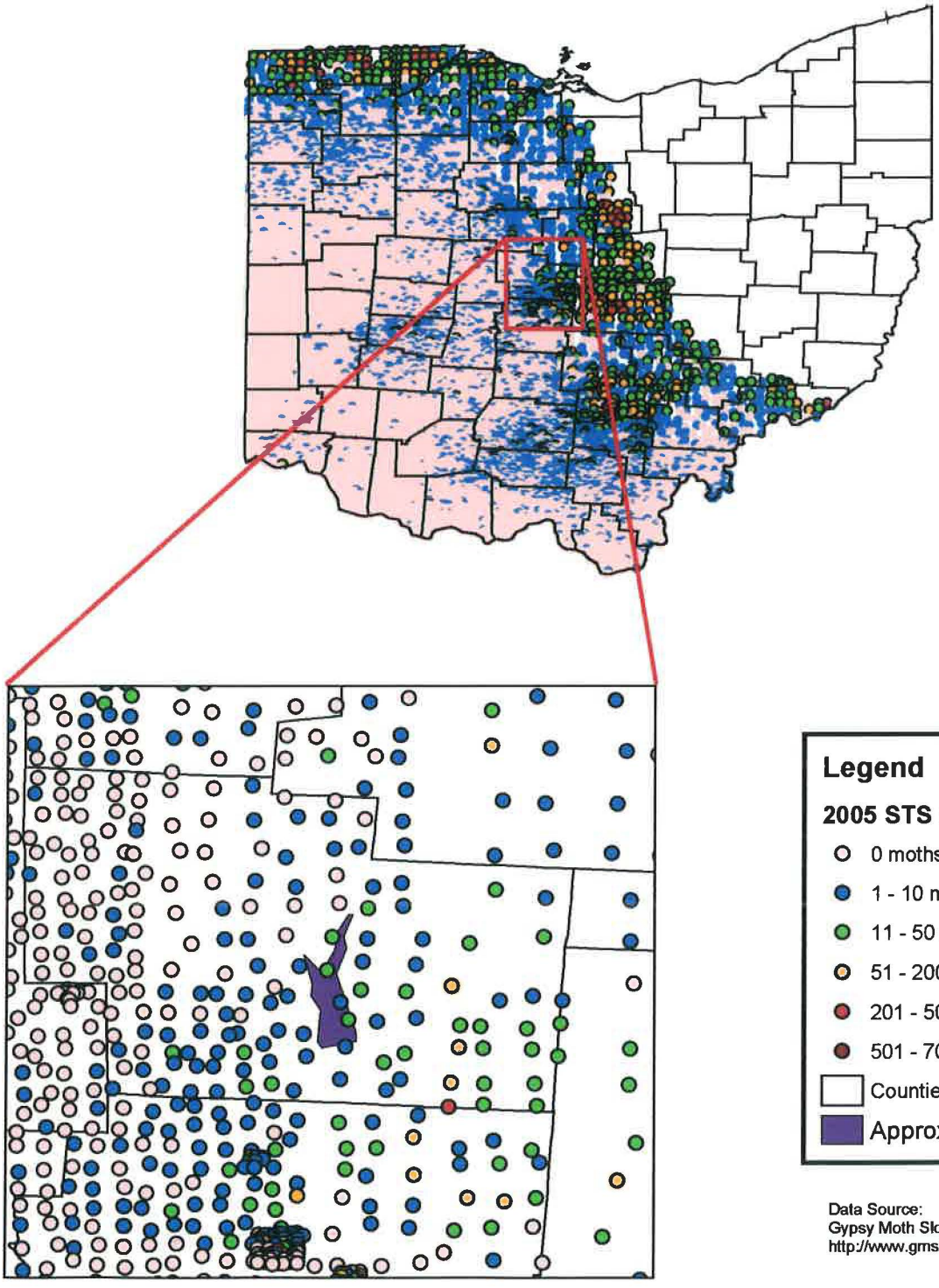
2/06 KDF

Figure 2a.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of Alum Creek Lake.



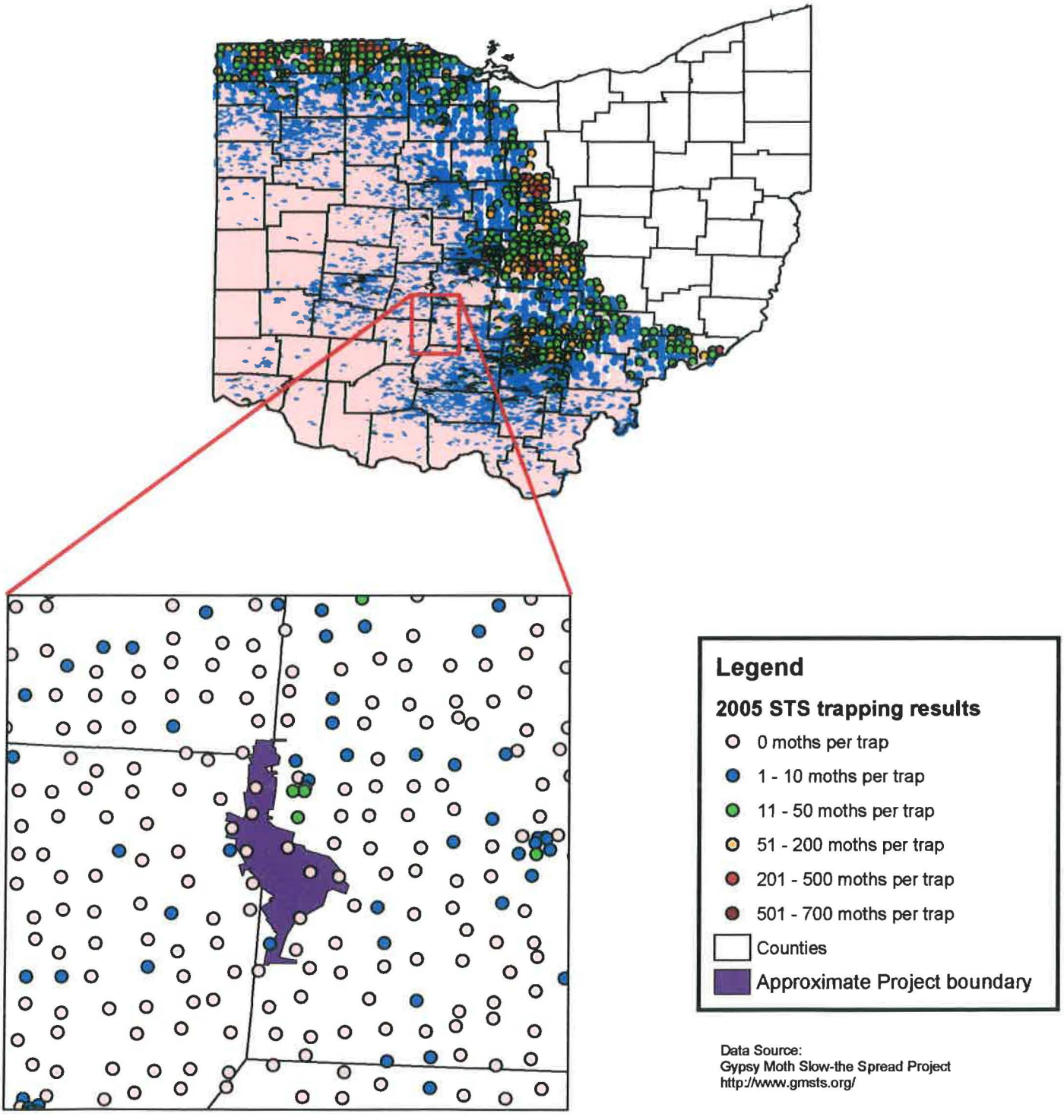
Legend

2005 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 700 moths per trap
- Counties
- Approximate Corp property

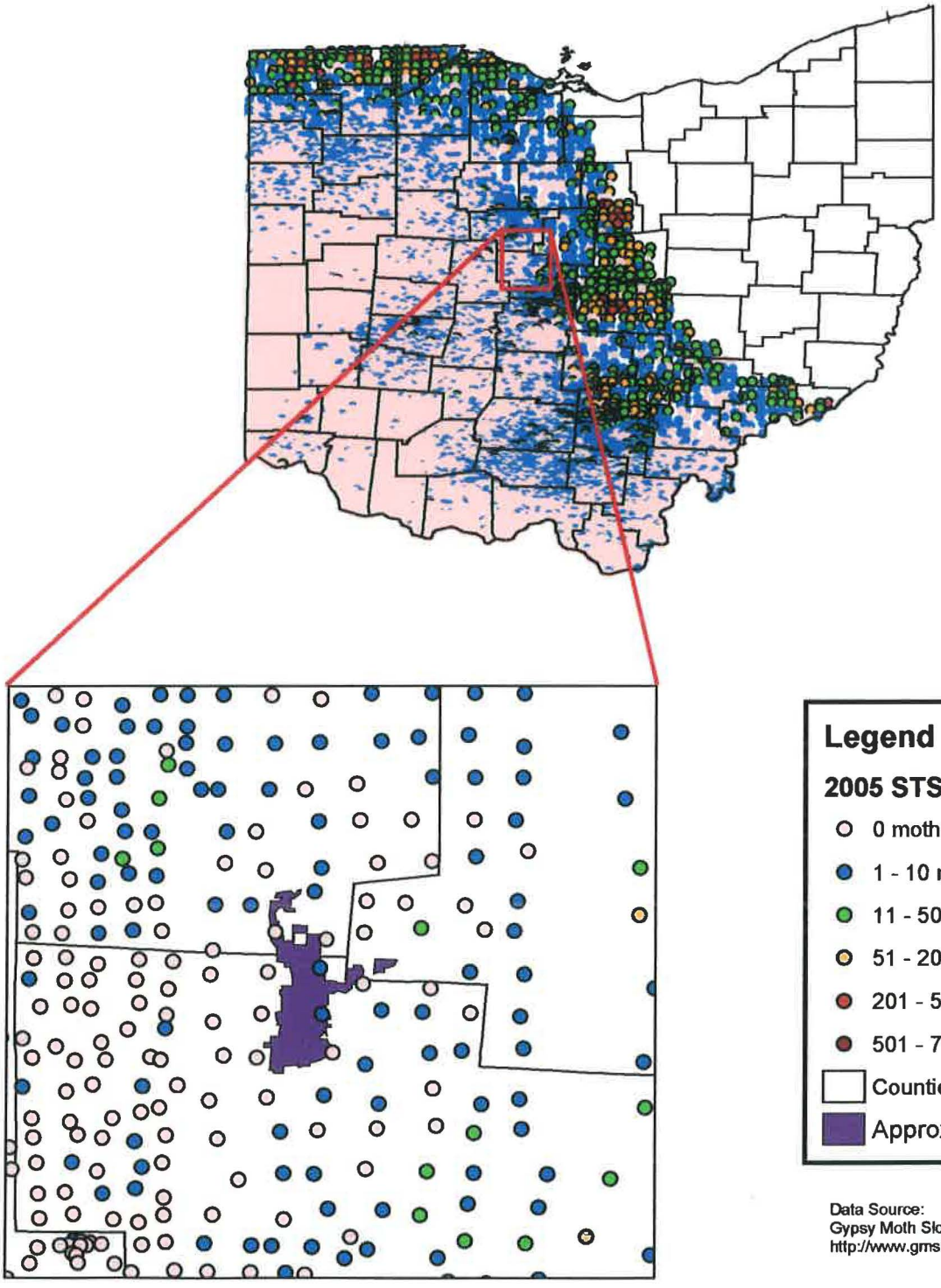
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2b.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of Deer Creek Lake.


Legend
2005 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 700 moths per trap
Counties
Approximate Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2c.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of Delaware Lake.



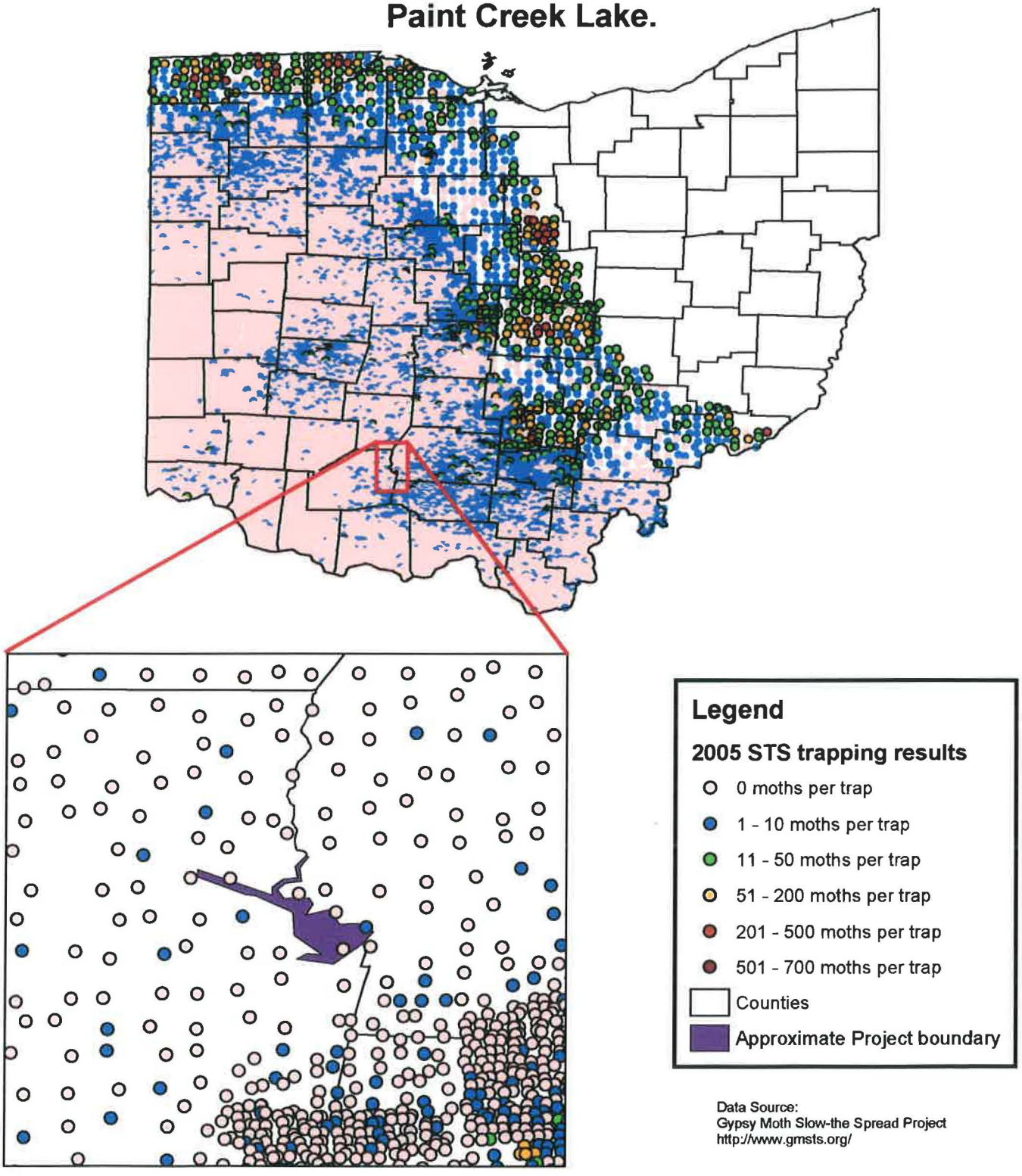
Legend

2005 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 700 moths per trap
- Counties
- Approximate Project boundary

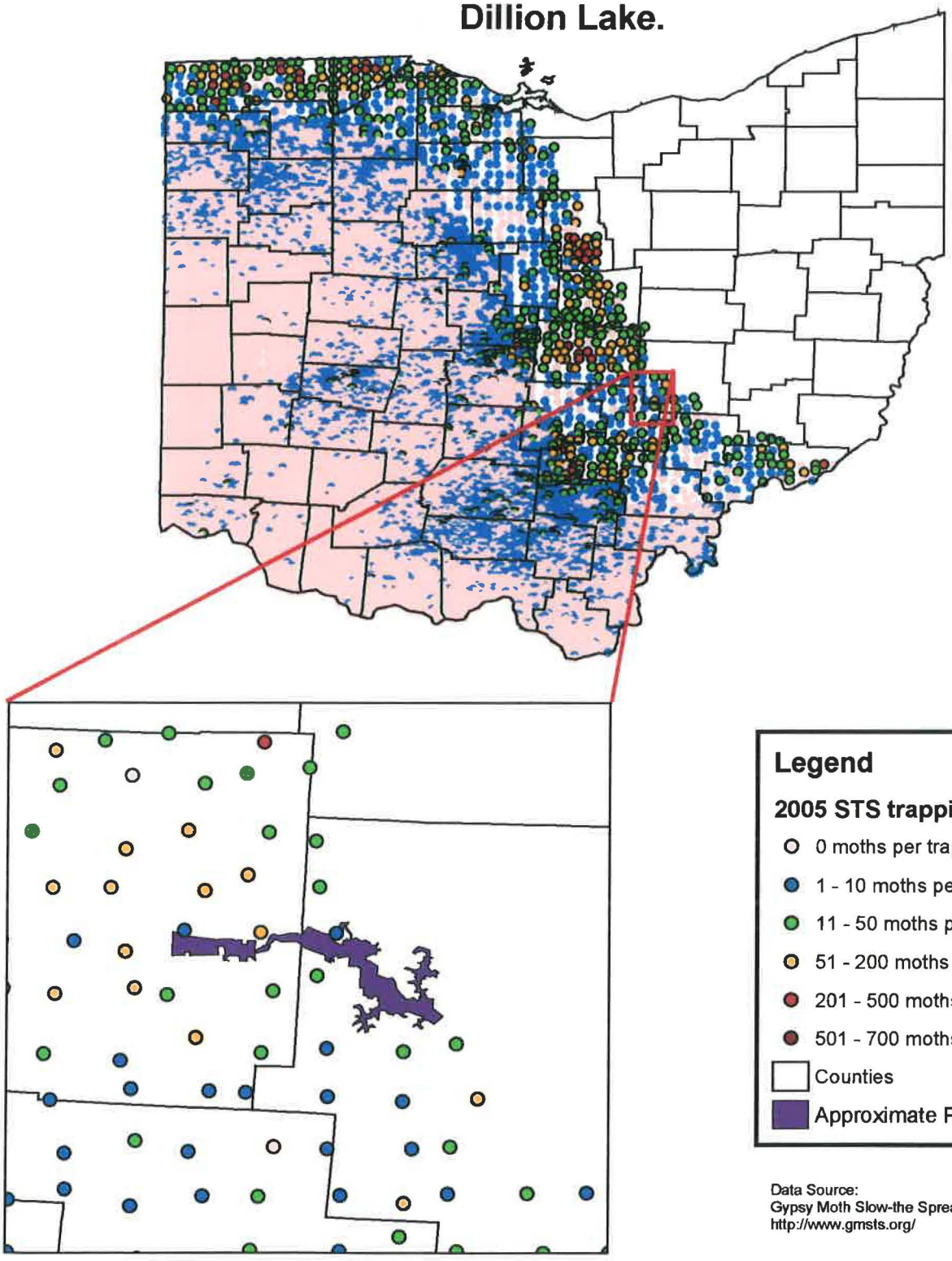
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2d.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of Paint Creek Lake.


Legend
2005 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 700 moths per trap
Counties
Approximate Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2e.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of Dillion Lake.



Legend

2005 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 700 moths per trap
- Counties
- Approximate Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/